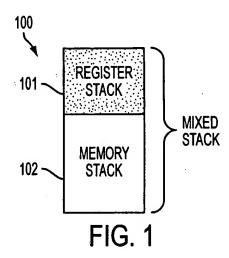
Inventor: Gansha WU et al.
Title of Invention: STACK CACHING
USING CODE SHARING
Attorney Docket No.: 42339-198432
VENABLE LLP

1/4



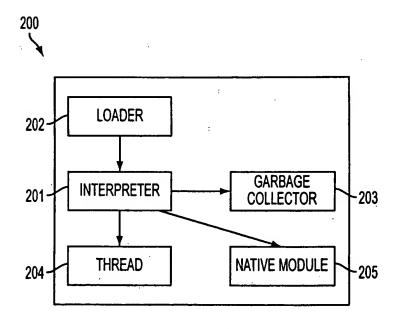


FIG. 2

Inventor: Gansha WU et al.

Title of Invention: STACK CACHING

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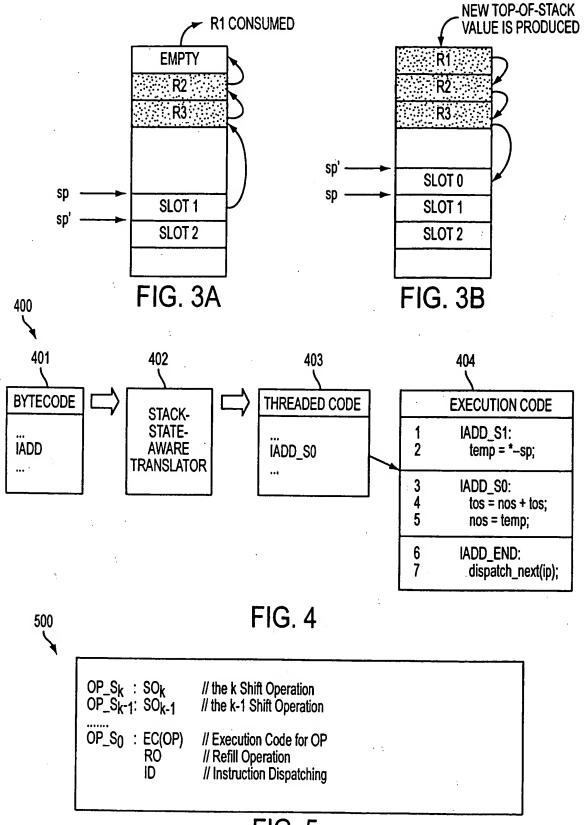


FIG. 5

Inventor: Gansha WU et al.
Title of Invention: STACK CACHING
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OP_S2: *sp++ = nos; OP_S1: nos = tos; OP_S0: EC(OP) ID OP_S2: *sp++ = nos; OP_S1: *sp++ = tos; OP_S0: EC(OP) ID

a. [X, Y] = [0,1]

b. [X, Y] = [0,2]

FIG. 6A

FIG. 6B

OP_S1: temp = *--sp; OP_S0: EC(OP) tos = nos; nos = temp; ID OP_S1: temp = *-sp; OP_S0: EC(OP) nos = temp; ID

c. [X, Y] = [1,0]

d.[X, Y] = [2,1]

FIG. 6C

FIG. 6D

OP_S1: *sp++ = nos; OP_S0: EC(OP) ID

OP_S1: *sp++ = nos; OP_S0: EC(OP) ID

e. [X, Y] = [1,2]

e. [X, Y] = [1,2]

FIG. 6E

FIG. 6F

FIG. 6G

Inventor: Gansha WU et al.

Title of Invention: STACK CACHING

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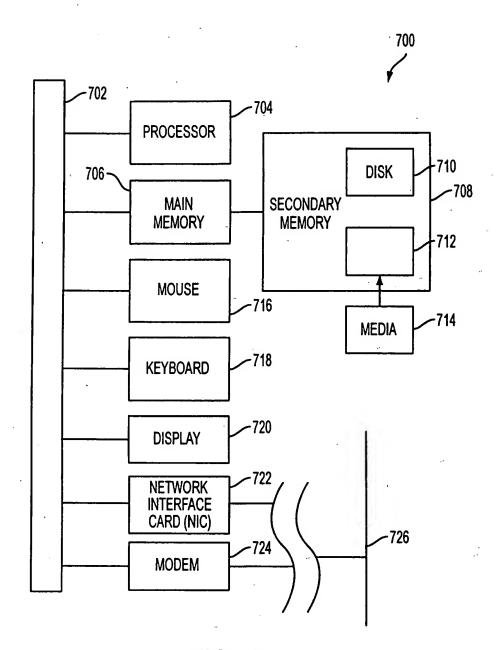


FIG. 7